

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	262	(nano\$1heater or (thermal adj transducer)) and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L8	215	L7 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L9	28	L8 and (local or locally)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L10	187	L8 not L9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L11	27	L10 not ink	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L12	38757	(heat or heating) with (local or locally)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L13	0	L12 and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L14	14	L12 and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L15	8596	L12 and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L16	3438	L15 and (pad or gate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L17	645	L16 and (CD or Dvd or (compact adj disk) or (digital adj video adj disk))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L18	368	L17 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L19	706	L12 and cantilever	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L20	356	L19 and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L21	246	L20 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34

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L22	224	L21 not L18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L23	274069	(heat or heating or energy or bake or baking) with (react or reaction or reacting)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L24	278428	(heat or heating or energy or bake or baking or heater or nano\$1heater) with (react or reaction or reacting)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L25	38163	L24 and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L26	29138	L25 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L27	1255	L26 and ((heat or heating or energy or bake or baking) same (canti\$1lever or lever or bar))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L28	379656	"6" and ((heat or heating or energy or bake or baking) with (local\$4 or portion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L29	691	L27 and ((heat or heating or energy or bake or baking) with (local\$4 or portion))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L30	17428	L26 and (circuit or IC or gate or Dvd)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L31	489	L29 and (circuit or IC or gate or Dvd)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L32	385	L31 not vinegar	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L33	3	("5296439"   "5409797"   "6815679"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L34	15	("4122719"   "4636088"   "5067820"   "5080495"   "5112136"   "5224775"   "5248199"   "5441343"   "5535614"   "5548113"   "5549387"   "5711604"   "5788373"   "5806979"   "5813763"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L35	0	"6056869.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L36	1	"6056869".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34

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L37	1	"5723387".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L38	21	("4793895"   "4821466"   "4934102"   "5078801"   "5096550"   "5183972"   "5217586"   "5219787"   "5225034"   "5240552"   "5246885"   "5256274"   "5262354"   "5449313"   "5486234"   "5492594"   "5534106"   "5543032"   "5567300"   "5575706"   "5585673"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L39	1	"6551935".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L40	1	"6602117".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L41	1	"6409781".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L42	1	"6063306".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L43	1528	(polishing or cmp) and (copper or Cu) and (tungsten near3 barrier)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L44	121	L43 and oxidizer	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L45	219	L43 and (oxidizer or (oxidizing adj agent))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L46	47	L45 and @ay<="2000"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L47	1	"6653240".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L48	2343	(CD or DVD) near3 (burner or writer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L49	1261	L48 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L50	370	L49 and laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34

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L51	282	L48 same laser	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L52	166	L51 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L53	13	("4961077"   "5306349"   "5317337"   "5520865"   "5706047"   "5741836"   "6084603"   "6121130"   "6258509"   "6264295"   "6273167"   "6295262"   "6632890").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L54	880	(nano\$1heater or nano\$1laser or (thermal adj transducer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L55	902	(nano\$1heater or nano\$1laser or (thermal adj transducer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/09/13 16:34
L56	301	L55 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/09/13 16:34
L57	130	L56 and (transistor or (source and drain) or gate)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/09/13 16:34
L58	92	L57 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/09/13 16:34
L59	67	(nano\$1heater or nano\$1laser)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L60	51	L59 not L58	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L61	22	L60 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L62	74	(nano\$1heater or nano\$1laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L63	58	L62 not L58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34

## EAST Search History

L64	27	L63 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L65	2	"6218086".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L66	5	("4731155"   "5252835"   "5461600"   "5537372"   "6084849").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L67	0	"10696771"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L68	14	"696771"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L69	1	"6531125".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L70	1	"6532125".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L71	7038	semiconductor and ((field adj effect adj transistor) or FET) and ((source and drain) same (heat or heating or laser or heated))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L72	3262	semiconductor and ((field adj effect adj transistor) or FET) and ((source and drain) with (heat or heating or laser or heated))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L73	3233	L72 and gate	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L74	806	L73 and (local or locally)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L75	122	L73 and ((local or locally) with (heat or heating))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L76	89	L75 and @ay<="2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L77	14	U'ren-Gregory-D.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34

## EAST Search History

L78	558	216/60.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L79	3073	438/714.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L80	1178	216/2.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L81	607	216/17.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L82	354	438/715.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L83	6	((("4283259") or ("4559115") or ("6223206") or ("6413408") or ("6443310") or ("6510120")).PN.	USPAT	OR	OFF	2007/09/13 16:34
L84	7695	(nano\$1heater or (thermal adj transducer) or (local\$3 near3 (heat\$3 or anneal\$4))) and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L85	1297	L84 and (CD or Dvd or (compact adj disk) or (digital adj video adj disk))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L86	870	L85 and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L87	536	L86 and (reactant or reaction or altering or deform or alter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:43
L88	28	nano\$1heat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/13 16:34
L89	4	("5399372"   "6024885"   "6168845"   "6636460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L90	2	"6233206".pn. "6218086".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L91	4	("3912844"   "5399372"   "6024885"   "6168845").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34
L92	17	("3716845"   "4343993"   "4731773"   "4747698"   "4853810"   "5054936"   "5130866"   "5329122"   "5353268"   "5391871"   "5412597"   "5481527"   "5602820"   "5650887"   "5732053"   "5986978"   "6052249").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 16:34

## EAST Search History

L93	12	("5391871").URPN.	USPAT	OR	ON	2007/09/13 16:34
L94	2394	canti\$1lever with (heat or heating or heated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L95	396	L94 and (semiconductor or recording or DVD or CD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L96	820	L94 and (semiconductor or recording or DVD or CD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L97	598	L96 and @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L98	261	L97 and (reactant or reaction or droplet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L99	281868	solder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34
L100	91092	L99 and (semiconductor or recording or DVD or CD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 16:34